



Model Number

ODZ-MAH-B15-M3

Bluetooth modem, configured for USB

Features

- Wireless connection with Bluetooth-compatible handheld unit
- Fast readiness for service thanks to simple configuration using data matrix code
- Safe data transfer thanks to bidirectional communication
- 3 hand-held readers can be connected to a single modem
- 128-bit encryption available

Function

The ODZ-MAH-B15-M3 Bluetooth modem allows you to connect Bluetooth-enabled devices from the ODT-HH-MAH* and I*T-HH20 product family wirelessly to your PC, and to transmit the read data via radio signals.

With easy installation and a range of up to 10 m, the Bluetooth modem is ideal for when you want to use your Bluetooth-enabled devices on the move and without annoying wiring.

The modem is preconfigured in the factory for the cabling for the PC's USB interface.

Note: The USB connection cable is not included in the scope of delivery.

Matching system components

ODZ-MAH-CAB-B14

Connecting Cable with USB Interface

ODZ-MAH-CAB-R2

Connection cable RS 232 interface

Accessories

ODS-MAH-B15-ENCRYPT

Software for encrypted Bluetooth transfer

Technical data

Indicators/operating means

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| Function indicator | Bluetooth (LED blue) flashing: no connection solid ON: active connection |
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Interface

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|----------------------------|---|
| Physical | Bluetooth v1.2 Profil SSP (Serial Port Profile) Detection range up to 100 m |
| Transmitter frequency | 2402 ... 2480 MHz (Bluetooth) |
| Transmitter radiated power | 2.5 mW (Class 2) |
| Detection range | 10 m |
| Transfer rate | max. 115 kBit/s |

System requirements

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| Hardware requirements | 1 free USB slot , RS 232 |
| Operating system | Microsoft Windows 2000, NT, or XP MAC OS, Linux, UNIX, or other |

Ambient conditions

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|---------------------|------------------------------|
| Ambient temperature | 0 ... 70 °C (32 ... 158 °F) |
| Storage temperature | -15 ... 80 °C (5 ... 176 °F) |

Mechanical specifications

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|------------|--|
| Connection | System connector for connecting cable USB 1.1 RS 232 configured for USB |
| Dimensions | 81 mm x 70 mm x 25 mm |

Compliance with standards and directives

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|----------------------|---|
| Standard conformity | |
| Noise immunity | EN 55024:1998+A1+A2 EN 61000-4-2:2009 EN 61000-4-3:2006 EN 61000-4-4:2004 EN 61000-4-5:2005 EN 61000-4-6:2009 EN 61000-4-8:1993 EN 61000-4-11:2004 |
| Emitted interference | EN 55022:2006 |
| Safety | EN 60950-1:2006/A11:2009/A1:2010 IEC 60825-1:2007 |
| Radio spectrum | ETSI EN 300328:V1.7.1 |

Approvals and certificates

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| FCC approval | FCC ID: QQ6-XML02 |
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